

IN THE DRAWINGS

Please amend the drawing as follows:

The attached sheet of drawings includes changes to FIG. 1C. This sheet, which includes FIG. 1C, replaces the original sheet. In FIG. 1C, a processor 103 has been labeled Processor. In addition, a software module 107 has been labeled Software Module.

Attachment: Replacement Sheet

Annotated Sheet FIG 1 Showing Changes

REMARKS

Claims 1-37 are pending in the present application. Claims 8-10 and 27-29 have been allowed. In the above amendments, claims 1-7, 11-20, 30 and 37 have been canceled and claims 21, 24, 31 and 34 have been amended. Applicants believe these amendments add no new matter to the application and are fully supported by the original disclosure.

In the Advisory Action mailed December 13, 2005, the Examiner allowed claims 8-10 and 27-29. The allowance of claims 8-10 and 27-29 is noted with appreciation. The Examiner rejected claims 1-7, 11-20, 30 and 37. Last, the Examiner withdrew his rejection of claims 21-26 and 31-36 and stated that they would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Applicant respectfully responds to this Office Action.

Claims 21-23 and 31-33

In the Advisory Action mailed 1/13/2006, the Examiner withdrew his rejections to claims 21-23 and 31-33 and stated that these claims would be allowable if rewritten in independent form to include the limitations of the base claim and any intervening claims.

In response, claim 20 has been canceled without prejudice and claim 21 has been rewritten to include the features of claim 20. However, the amendment to claim 20 included in the Amendment after Final filed December 27, 2005 was not included in amended claim 21 since the Examiner indicated that the feature, "means for calculating a SINR compensation factor using said SINR estimate," was found in the prior art.

Likewise, claim 30 has been canceled without prejudice and claim 31 has been rewritten to include the features of claim 30. However, the amendment to claim 30 included in the Amendment after Final filed December 27, 2005 was not included in amended claim 31 since the Examiner indicated that this feature, "wherein said receiver is further configured to calculate a SINR compensation factor using said SINR estimate," was found in the prior art.

Claims 24-26 and 34-36

Likewise, the Examiner withdrew his rejections of claims 24-26 and 34-36 and stated that these claims would be allowable if rewritten in independent form to include the limitations of the base claim and any intervening claims.

In response, claim 24 has been rewritten to include the features of claim 20. However, the amendment to claim 20 included in the Amendment after Final filed December 27, 2005 was not included in amended claim 24 since the Examiner indicated that the feature, “means for calculating a SINR compensation factor using said SINR estimate,” was found in the prior art.

Likewise, Claim 34 has been rewritten to include the features of claim 30. However, the amendment to claim 30 included in the Amendment after Final filed December 27, 2005 was not included in amended claim 34 since the Examiner indicated that the feature, “wherein said receiver is further configured to calculate a SINR compensation factor using said SINR estimate,” was found in the prior art.

Thus, claims 21-26 and 31-36 have been rewritten to conform with the Examiner’s request. Since all the features of claims 21-26 and 31-36 are not disclosed by the prior art, claims 21-26 and 31-36 are allowable.

Claims 1, 2-5, 6, 7, 11-20, 30 and 37

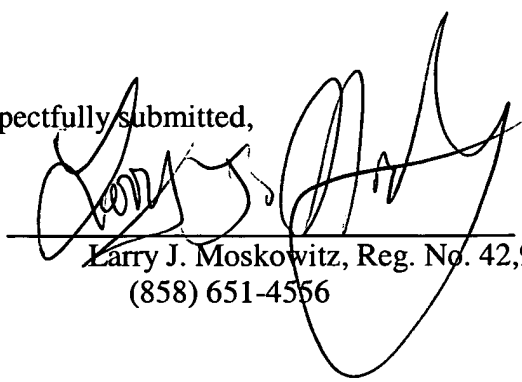
Claims 1-7, 11-20, 30 and 37 have been canceled without prejudice.

REQUEST FOR ALLOWANCE

In view of the foregoing, Applicant submits that all pending claims in the application are patentable. Accordingly, reconsideration and allowance of this application are earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

Respectfully submitted,

By:


Larry J. Moskowitz, Reg. No. 42,911
(858) 651-4556

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QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, California 92121
Telephone: (858) 651-4125
Facsimile: (858) 658-2502



Replacement Sheet

100A

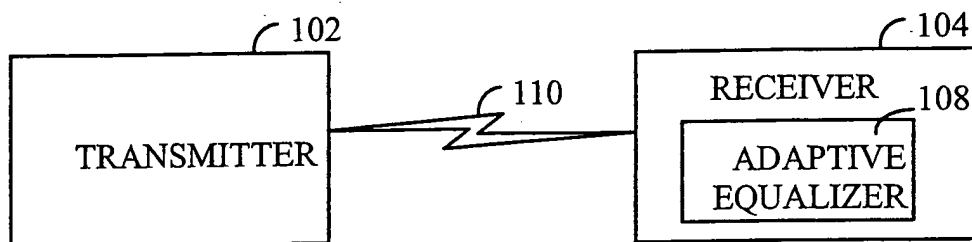


FIG. 1A

100B

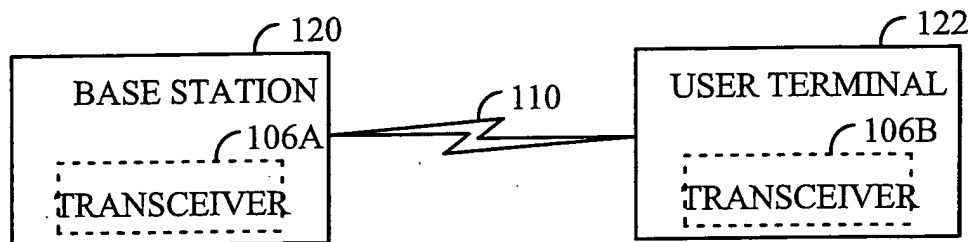


FIG. 1B

100C

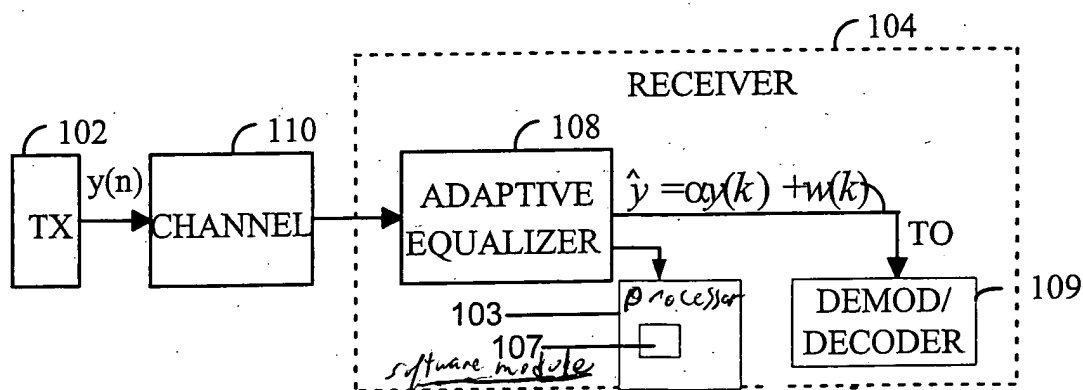


FIG. 1C

Replacement sheet